

**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Mario E. Bran
App. No.	:	Unknown
Filed	:	Herewith
For	:	WAFER CLEANING
Examiner	:	Unknown
Group Art Unit	:	Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 118 references. These references are of record in U.S. patent application No. 10/243,463, filed September 12, 2002, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Accordingly, no copies of references are submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

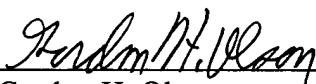
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: \_\_\_\_\_

12/3/03

By: \_\_\_\_\_

  
Gordon H. Olson  
Registration No. 20,319  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VERTE.32CPCCC1D	APPLICATION NO. Unknown
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Mario E. Bran	
		FILING DATE Herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		2,498,737	02-28-50	Holden			
		2,699,403	01-11-55	E.J. Courts			
		2,713,998	07-26-55	H. Eicken			
		2,738,173	03-13-56	F. Massa			
		2,760,501	08-28-56	Gander			
		2,802,476	08-13-57	Kearney			
		2,814,575	11-26-57	Lange, Jr.			
		2,934,661	04-26-60	Chambers			
		2,950,725	08-30-60	Jacke, et al.			
		3,077,155	02-12-63	Maddock, et al.			
		*3,094,314	6-18-63	Kearney, et al.			
		*3,113-761	12-10-63	Platzman			
		3,114,654	12-17-63	S. Nishiyama, et al.			
		*3,694,675	9-26-72	Loveday			
		3,373,752	03-19-68	K. Inoue			
		3,401,708	09-17-68	Henes			
		*3,441,754	4-29-69	Henry			
		3,499,792	03-10-70	R.D. Veith			
		3,596,883	08-03-71	Brech			
		3,676,963	07-18-72	E.E. Rice, et al.			
		3,694,675	9-26-72	Loveday			
		3,700,937	10-24-72	Rissolo			
		3,702,519	11-14-72	E.E. Rice, et al.			
		*3,845,332	10-29-74	Last			
		3,893,869	07-08-75	A. Mayer, et al.			
		3,900,162	08-19-75	D.E. Titus, et al.			

EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VERTE.32CPCCC1D	APPLICATION NO. Unknown
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Mario E. Bran	
		FILING DATE Herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		3,972,018	07-27-76	Erickson			
		*3,973,760	8-10-76	Browning			
		4,027,686	06-07-77	S.R. Shortes, et al.			
		4,038,786	08-02-77	C.C. Fong			
		*4,062,238	12-13-77	Herzl			
		4,111,546	09-05-78	A.R. Maret			
		4,178,188	12-11-79	J.G.M. Dussault, et al.			
		4,183,011	01-08-80	Massa			
		4,326,553	04-27-82	W.B. Hall			
		4,373,944	02-15-83	F.J. Glick, et al.			
		4,389,820	06-28-83	C.C. Fong, et al.			
		4,401,131	08-30-83	R.M. Lawson			
		*4,402,458	9-6-83	Lierke, et al.			
		4,461,651	07-24-84	R.I. Hall			
		4,489,740	12-25-84	W.D. Rattan, et al.			
		4,501,285	2-26-1985	Irwin et al.			
		4,537,511	08-27-85	K. Frei			
		4,543,130	09-24-85	S. Schwartzman			
		4,565,942	01-21-86	Sakai, et al.			
		*4,579,000	4-1-86	Sudo			
		4,591,485	05-27-86	W.L. Olsen, et al.			
		4,631,250	12-23-86	C. Hayashi			
		4,635,655	01-13-87	Daley, et al.			
		4,655,847	04-07-87	T. Ichinoseki, et al.			
		4,691,725	09-08-87	T.T. Parisi			
		4,694,527	09-22-87	Yoshizawa			
		4,744,181	05-17-88	D.E. Moore, et al.			

EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VERTE.32CPCCC1D	APPLICATION NO. Unknown
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Mario E. Bran	
		FILING DATE Herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		4,747,421	05-31-88	C. Hayashi			
		4,804,007	02-14-89	Bran			
		4,805,171	02-21-89	W.H. Whitlock, et al.			
		4,823,041	04-18-89	Inoue, et al.			
		4,857,113	08-15-89	R.J. Hodge			
		4,863,561	09-05-89	D.W. Freeman, et al.			
		4,869,278	09-26-89	Bran			
		4,902,350	02-30-90	Steck			
		4,917,123	04-17-90	McConnell, et al.			
		4,932,168	06-12-90	M. Tada, et al.			
		4,936,922	06-26-90	R.L. Cherry			
		4,971,920	11-20-90	Miyashita, et al.			
		4,974,375	12-04-90	M. Tada, et al.			
		*4,978,067	12-18-90	Berger, et al.			
		4,980,300	12-25-90	M. Miyashita, et al.			
		4,997,490	03-05-91	Vetter, et al.			
		4,998,549	03-12-91	Bran			
		5,001,084	03-19-91	A. Kawai, et al.			
		5,013,366	05-07-91	D.P. Jackson, et al.			
		5,017,236	05-21-91	S.U. Moxness, et al.			
		5,025,597	06-25-91	M. Tada, et al.			
		5,035,750	07-30-91	M. Tada, et al.			
		5,037,481	08-06-91	M.E. Bran			
		5,062,898	11-05-91	W.T. McDermott, et al.			
		5,071,776	12-10-91	Matsushita, et al.			
		5,090,432	02-25-92	Bran			
		5,119,840	06-09-92	H. Shibata			

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VERTE.32CPCCC1D	APPLICATION NO. Unknown
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Mario E. Bran	
		FILING DATE Herewith	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,125,979	06-30-92	E.A. Swain, et al.			
		5,129,956	07-14-92	R.E. Pickering, et al.			
		5,147,466	09-15-92	T. Ohmori, et al.			
		5,247,954	09-28-93	Grant, et al.			
		5,259,890	11-09-93	J.R. Goff			
		5,279,316	01-18-94	H.R. Miranda			
		5,286,657	02-15-94	Bran			
		5,316,591	05-31-94	S.C. Chao, et al.			
		*5,348,552	9-20-94	Nakajima, et al.			
		5,364,474	11-15-94	J.F. Williford, Jr.			
		5,365,960	11-22-94	Bran			
		*5,721,463	2-24-98	Snyder			
		5,534,076	07-09-96	M.E. Bran			
		6,295,999	10-2001	Bran			
		6,039,059	03-2000	Bran			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		EP 319-806-A	06-14-89	Europe			X	
		DE 3212-916-A	10-13-83	Germany (Abstract			X	
		JP 54-69260	04-06-79	Japan (Abstract)			X	
		JP 62-281431	12-07-87	Japan (Abstract)			X	
		JP 63-36534	02-17-88	Japan (Abstract)			X	
		JP 64-18229	01-23-89	Japan (Abstract)			X	
		JP 1-304733	12-08-89	Japan (Abstract)			X	

EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. VERTE.32CPCCC1D	APPLICATION NO. Unknown
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Mario E. Bran	
		FILING DATE Herewith	GROUP Unknown

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		JP 1-316935	12-21-89	Japan (Abstract)			X	
		*JP 54-7874	1-20-79	Japan				
		JP 1-246935	10-02-89	Japan (Abstract)			X	
		55-1114	1980	Japan				
		2-53185	1990	Japan				
		7-24414	1995	Japan				
		57-153638	1982	Japan				
		61-240157	1986	Japan				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Stuart A. Hoenig; <u>Cleaning Surfaces With Dry Ice</u> ; <i>Compressed Air Magazine</i> ; August 1986; Pages 22-25
	Va-Tran Systems, Inc.; <u>Sno Gun™ Dry Ice Snow Cleaning System for Electronic, Semi-Conductor, Medical, Optical and Other Diverse Industries</u>
	*IBM Technical Disclosure Bulletin, DIRECT COOLING TECHNIQUE FOR QUARTZ DEPOSITION MONITORS, Vol. 34, No. 7B
	<u>CO2 Snow/Pellet Cleaning/Super Critical Fluid Precision Cleaning</u> ; December 1995; Vol. III. No. 11, Page 48
	Robert Sherman; John Grob and Walter Whitlock; <u>Dry Surface Cleaning Using Co2 Snow</u> ; <i>Journal Of Vacuum Science &amp; Technology B. Second Series</i> , Volume 9, Number 4, July/August 1991; Pages 1970-1977
	Wayne T. McDermott, Richard C. Ockovic, Jin Jwang Wu and Robert J. Miller; <u>Removing Submicron Surface Particles Using A Cryogenic Argon-Aerosol Technique</u> ; <i>Microcontamination</i> ; October 1991; Pages 33-36 and 94-95
	International Search Report for corresponding PCT Application No. PCT/US97/11812 dated November 10, 1997
	10 MHz Ultrasonic Silicon Cleaning Tool", IBM Technical Disclosure Bulletin, Vol. 37, No. 6A, p. 585, June 1, 1997

[H:\DOCS\GHO\GHO-3359.DOC120700]  
 [H:\DOCS\GHO\GHO-5555.DOC 091102]

H:\DOCS\GHO\GHO-6834.DOC  
 120203

EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	